

Network Security Appliance

CAF-0102

Fanless Desktop Network System
With 9 Ethernet Ports And
Redundant Power Supplies



Key Features

- Intel Atom x6425E SoC (Elkhart Lake, 4C/4T, 12W TDP)
- 8x 2.5GbE RJ45 Ports, 1x GbE SFP
- 1x DDR4-3200 SO-DIMM (IBECC support, max, 32 GB)
- eMMC storage module (max. 256 GB)
- Redundant PSU (40W external)
- TPM support

Fanless Desktop Network with 9 Ethernet Ports

Intel
Atom

DDR4

Wi-Fi
ModuleLTE
Module

The Portwell CAF-0102 is a fanless networking appliance for small to medium-sized organizations and enterprise branch offices. If used as a security solution like UTM or NGFW, the CAF-0102 can protect company networks from cyberattacks, while also serving as a secure SD-WAN solution in a compact form factor to provide fast and reliable networking for remote branch locations due to its high-speed Ethernet ports and redundant power supplies.

With eight 2.5-Gigabit Ethernet ports and one GbE SFP port, the CAF-0102 not only provides a lot of networking connections for such a small form factor, but it also offers more flexibility for filter policy definition when used as part of a larger enterprise network. The device furthermore stands for high availability because two redundant power supplies make sure that business continues as one failed PSU won't interrupt the system's service.

Front I/O



Back I/O



Hardware Specification

Platform	
Processor	1 x Intel Atom Processor (Elkhart Lake)
System Memory	1 x DDR4 ECC 3200 SO-DIMMs
Max Memory	Up to 16GB
Ethernet Port	8 x RJ45 2.5GbE Port(s) on board, 1 x SFP GbE Port(s) on board
Expansion	microSD card slot
Storage Device	eMMC Flash Memory Module, max. 128 GB
Power Supply	2x 12V/3.3A, 40W Redundant PSU
Dimension	196mm x 212mm x 43mm (7.84" x 8.48" x 1.72")
Weight (kg)	1.67
I/O	
Management Console	1 x UART Type-C Port
USB	2 x USB 3.0 Port(s)
LED	Power / System Status / PSU
Operation & Certifications	
Operating Environment	Temperature: 0 - 40°C (32 - 104°F), Humidity: 0 - 95% RH
Storage Environment	Temperature: -30 - 65°C (-22 - 149°F), Humidity: 5 - 95% RH
OS Support	Linux / FreeBSD

Copyright © 2019 European Portwell Technology B.V. All rights reserved. All data is for information purposes only and not guaranteed for legal purposes. Information has been carefully checked and is believed to be accurate; however, no responsibility is assumed for inaccuracies. Portwell and the Portwell logo and all other trademarks or registered trademarks are the property of their respective owners and are recognized. Specifications are subject to change without notice. CAF-0102_DS_20230627